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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re, the Application of: MATSUZAKI, Yasurou et al.

Group Art Unit: 2631

Serial No.: 10/006,238

Examiner: M. H. GHAYOUR

Filed: December 10, 2001

P.T.O. Confirmation No.: 9949

For: SEMICONDUCTOR DEVICE WITH CIRCUITRY FOR EFFICIENT
INFORMATION EXCHANGE

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97(b)

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Technology Center 2600

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

December 29, 2003

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. One copy of each of these documents is attached.

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

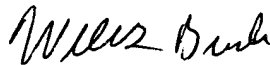
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The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

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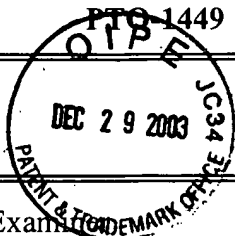
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PATENT TRADEMARK OFFICE

Enclosures: PTO-1449
References (2)
European Communication with Partial Search Report

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INFORMATION DISCLOSURE CITATION PTO 1449	Atty. Docket No. 011644	Serial No. 10/006,238
	Applicant(s): MATSUZAKI, Yasurou et al.	
	Filing Date: December 10, 2001	Group Art Unit: 2631



U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	<div style="text-align: right;"> RECEIVED DEC 30 2003 Technology Center 2600 </div>				
_____	AB					
_____	AC					
_____	AD					

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Translation (Yes or No)
_____	AE		
_____	AF		
_____	AG		
_____	AH		

OTHER DOCUMENTS

_____	AI	Benini et al.; "Synthesis of Low-Overhead Interfaces for Power-Efficient Communication over Wide Buses"; Design automation Conference, 1999 Proceedings, IEEE, June 1999, pages 128-133 .		
_____	AJ	Khara et al.; "High-Level Synthesis with SDRAMs and RAMBUS DRAMs"; <u>IEICE TRANS. FUNDAMENTALS</u> ; Vol. E82-A, No. 11; November 1999; pages 2347-2355.		
_____	AK	Copy of European Patent Office Communication including Partial European Search Report for corresponding European Patent Application No. 01310305 dated December 16, 2003.		
<table border="1" style="width: 100%;"> <tr> <td>Examiner</td> <td>Date Considered</td> </tr> </table>			Examiner	Date Considered
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